

IAP12 Rec'd PCT/PTO 01 AUG 2007

PTO/SB/21 (04-07)

Approved for use through 09/30/2007. OMB 0651-0031
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/588,114 - Conf. #3863
	Filing Date	July 27, 2006
	First Named Inventor	Marc A. Ostermeier
	Art Unit	N/A
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	62568(71699)

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Amendment in Response to Notice Under 37 CFR 1.821-825 Statement to Support Filing and Submission in Accordance with 37 CFR 1.821-1.825 Sequence Listing Diskette Sequence Listing Paper Copy
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	EDWARDS ANGELL PALMER & DODGE LLP		
Signature			
Printed name	Gregory B. Butler, Ph.D., Esq.		
Date	August 1, 2007	Reg. No.	34,558



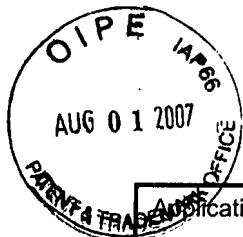
PTO/SB/17 (06-07)
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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2007		Complete if Known	
		Application Number	10/588,114 - Conf. #3863
		Filing Date	July 27, 2006
		First Named Inventor	Marc A. Ostermeier
		Examiner Name	Not Yet Assigned
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Art Unit	N/A	
TOTAL AMOUNT OF PAYMENT	(\$) 580.00	Attorney Docket No.	62568(71699)

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: <u>04-1105</u> Deposit Account Name: <u>The Johns Hopkins University</u>
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
	FILING FEES		SEARCH FEES		EXAMINATION FEES		
		Small Entity		Small Entity		Small Entity	
Application Type	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
2. EXCESS CLAIM FEES							
						Fee (\$)	Small Entity Fee (\$)
Fee Description							
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims			
	- =	x	=	Fee (\$)	Fee Paid (\$)		
HP = highest number of total claims paid for, if greater than 20.							
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)				
	- =	x	=				
HP = highest number of independent claims paid for, if greater than 3.							
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)			
	- 100 =	/50 =	(round up to a whole number) x	=			
4. OTHER FEE(S)							
						Fees Paid (\$)	
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 1252 Extension for response within second month						450.00	
1051 Surcharge-Late oath or declaration						130.00	

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	34,558
Name (Print/Type)	Gregory B. Butler, Ph.D., Esq.	Telephone	(617) 517-5595
		Date	August 1, 2007



08-02-07

PCT

Application No. (if known): 10/588,114

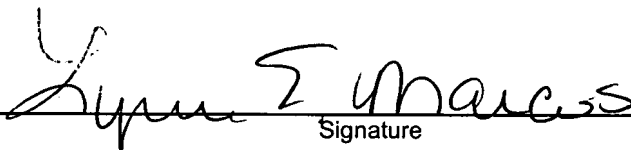
Attorney Docket No.: 62568(71699)

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Telephone Number

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Transmittal (1 page)

Fee Transmittal (1 page)

Response to Notice to File Missing Parts of Application (2 pages)

Two Month Request for Extension of Time Under 37 CFR 1.136(a) (2 pages)

Amendment in Response to Notice Under 37 CFR 1.821-825 (10 pages)

Declaration and POA for Patent Application (4 pages)

Statement to Support Filing and Submission in Accordance with 37 CFR 1.821-1.825 (1 page)

Sequence Listing Paper Copy (80 pages)

Sequence Listing Diskette

Part 2 Copy of Notice (3 pages)

Charge \$580.00 to deposit account 04-1105